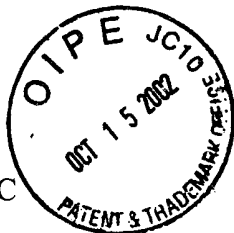


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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Schlothauer et al.

Appl. No. : 09/720,041

Filed : April 2, 2001

For : BIOACTIVE WHEY PROTEIN  
HYDROLYSATE

Examiner : Francisco Prats

) Group Art Unit 1645

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) Ginger R. Dreger, Reg. No. 33,055

SUPPLEMENTAL AMENDMENT

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

Please amend this application in the following aspects:

In the Claims:

Please amend claim 32 to read as follows:

32. (Once amended) A process for preparing a soluble whey protein hydrolysate containing bioactive peptides which comprises:

- i) hydrolysing a whey protein-containing substrate with at least one heat labile protease, at a temperature of between about 30°C and 70°C at a pH of about 6 to about 8.5 when said enzyme is a neutral protease, at a pH of about 3.5 to about 5 when said enzyme is an acid protease, and at a pH of about 5 to about 10 when said enzyme is an alkaline protease, and
- ii) terminating said hydrolysis when a degree of hydrolysis of no greater than 15% has been reached by deactivating said protease under conditions which are sufficiently mild to avoid substantial denaturation peptides in said hydrolysate.